

IF YOU DIG IN GEORGIA ...

CALL US FIRST 1-800-282-7411

THE CONTRACTOR SHALL ADHERE TO THE CALL BEFORE YOU DIG LAW BY CALLING THE UTILITIES PROTECTION CENTER

Dig Safely.

1-800-282-7411 770-623-4344 EXISTING GRADE DATA

SEE ORIGINAL BRIDGE PLANS

JENKINSBURG ROAD TRAFFIC DATA

TRAFFIC______ADT = 1220 (2003)
TRUCKS 4.9%

SUMMARY OF QUANTITIES

PAY ITEM NUMBER	QUANTITY	UNIT	PAY ITEM
449-1620	33	FT	LOW-DENSITY, CLOSED CELL, CROSS-LINKED, ETHYLENE VINYL ACETATE, POLYETHYLENE COPOLYMER, NITROGEN BLOWN SEAL, BR NO-1, BENT NO-1
449-1620	33	FT	LOW-DENSITY, CLOSED CELL, CROSS-LINKED, ETHYLENE VINYL ACETATE, POLYETHYLENE COPOLYMER, NITROGEN BLOWN SEAL, BR NO-I, BENT NO-2
449-1620	33	FT	LOW-DENSITY, CLOSED CELL, CROSS-LINKED, ETHYLENE VINYL ACETATE, POLYETHYLENE COPOLYMER, NITROGEN BLOWN SEAL, BR NO-I, BENT NO-3
449-1620	33	FT	LOW-DENSITY, CLOSED CELL, CROSS-LINKED, ETHYLENE VINYL ACETATE, POLYETHYLENE COPOLYMER, NITROGEN BLOWN SEAL, BR NO-1, BENT NO-4
449-1620	33	FT	LOW-DENSITY, CLOSED CELL, CROSS-LINKED, ETHYLENE VINYL ACETATE, POLYETHYLENE COPOLYMER, NITROGEN BLOWN SEAL, BR NO-1, BENT NO-5
503-1600	13	CY	4-HOUR ACCELERATED STRENGTH CONCRETE
504-0600	3	CY	TWENTY-FOUR HOUR ACCELERATED STRENGTH CONCRETE
511-1000	LUMP	LS	BAR REINFORCEMENT STEEL (3130 LB)
518-1000	LUMP	LS	RAISE EXISTING BRIDGE, STA - 23+87.00



EXISTING BRIDGE SERIAL NO. 255-0022-0

EXISTING BRIDGE LOC. I.D. NO. 255-00115X-000.87S

PROJECT P.I. NO. M001994

BRIDGE NO. I

CHECKED LWD

DESIGN GROUP

	DATE	GEORGIA DEPARTMENT OF TRANSPORTATION PRECONSTRUCTION DIVISION-OFFICE OF BRIDGE DESIGN				
G S & P R E S H A M	REVISIONS	JACKING DETAILS JENKINSBURG ROAD OVER I-75 SPALDING CO. NHS-MOOI-00(994)				
AITH AND ARTNERS		SCALE: NONE FEBRUARY 2004				

BEGIN BRIDGE STA. 23+87.00-E BENT 4 E BENT 2 24'-0"GUTTER TO GUTTER-GUARDRAIL GUARDRAIL -END BRIDGE STA. 26+52.00 GUARDRAIL H OVERHEAD POWERLINE BRIDGE SEAT/ EL.496.07 LOW STEEL-EL. 496.64 PAVEMENT EL. 480.56 CLEARANCE 16.08 PLAN TOTAL LENGTH OF BRIDGE = 265'-0" 60'-6" 72'-0" 72'-0" 60'-6" FIX. # EXP. FIX. A EXP. EXP. p EXP. NOTE: THE ENTIRE BRIDGE SHALL BE RAISED THE SAME AMOUNT. 17FT.-2IN. MIN. VERTICAL
CLEARANCE AFTER
COMPLETION OF PROJECT

2

ELEVATION

EXISTING BRIDGE CONSISTS OF

4 - COMPOSITE WIDE-FLANGE BEAM SPANS	SPECIAL DESIGN
2 - CONCRETE END BENTS	SPECIAL DESIGN
3 - CONCRETE INTERMEDIATE BENTS	SPECIAL DESIGN
ALUMINUM HANDRAILING	GA. STD. NO. 3627(7-2I-65)
BAR BENDING DETAILS	GA. STD. NO. 3901
END POST DETAIL	

WORK CONSISTS OF

- I. RAISE EXISTING BRIDGE APPROXIMATELY I'-I" AND PROVIDE PEDESTALS.
- 2. MODIFY ENDWALLS AS SHOWN
- 3. MODIFY APPROACH SLABS AS SHOWN 4. RAISE THE TOP OF THE WINGWALLS.
- 5. REPLACE JOINT SEALS AT BENTS 1, 2, 3, 4, AND 5.

DESIGN DATA FOR DESIGN OF PEDESTALS

CONSTRUCTION SEQUENCE

- I. PLACE TEMPORARY SAND LOADED ATTENUATORS AS DIRECTED.
- 2. RAISE TOP'S OF WINGWALLS AS SHOWN.
- 3. CUT APPROACH SLAB FULL DEPTH AT EDGE OF THE PAVEMENT REST AS SHOWN TO ENABLE JACKING OF BRIDGE.
- 4. IF PRESENT, REMOVE PORTION OF BREASTWALL BETWEEN EXTERIOR BEAM AND WINGWALL AS REQUIRED TO PROVIDE ACCESS TO BEARINGS AND ALLOW DRILLING FOR NEW ANCHOR BOLT HOLES.
- 5. JACK BRIDGE WITHOUT DISRUPTING TRAFFIC. PLACE ASPHALT AS REQUIRED AT ENDS OF BRIDGE WHILE JACKING TO PROVIDE A SMOOTH TRANSITION FROM PAVEMENT TO BRIDGE. AT NO TIME SHALL THERE BE MORE THAN A 2"HEIGHT DIFFERENCE BETWEEN THE BRIDGE DECK AND THE TOP OF ASPHALT OR BETWEEN ADJACENT SPANS AT THE JOINTS. AT THE END OF EACH DAY'S WORK, THE PAVEMENT SHALL BE FLUSH WITH THE BRIDGE DECK. PLACE ASPHALT LEVELING AND SURFACE COURSE TO LIMITS SHOWN ON ROADWAY PLANS UPON COMPLETION OF JACKING.
- 6. REMOVE AND REPLACE GUARDRAIL AS REQUIRED.
- 7. AFTER JACKING IS COMPLETE, EXTEND ENDWALLS AS SHOWN.
- 8. REDUCE TRAFFIC TO ONE LANE, PROVIDE FLAGGERS TO CONTROL TWO WAY TRAFFIC.
 9. REMOVE PORTIONS OF THE ASPHALT AND APPROACH SLAB FULL DEPTH AS SHOWN WITHOUT CUTTING THE REINFORCEMENT.
- 10. REBUILD PORTIONS OF APPROACH SLABS AS SHOWN.
- II. SHIFT TRAFFIC TO OPPOSITE SIDE AND REPEAT STEPS 8 AND 9.
- 12. RE-OPEN BRIDGE TO TWO LANES OF TRAFFIC.
- 13. SEE SPECIAL PROVISIONS SECTION 150.11, SPECIAL CONDITIONS, FOR TIME LIMITATIONS FOR ITEMS 8 THROUGH 10.
- 14. INSTALL JOINT SEALS. CLEAN AND RESEAL THE REMAINING JOINTS.

THE AFOREMENTIONED SEQUENCE SHALL BE COORDINATED WITH ROADWAY OPERATIONS, SEE ROADWAY PLANS. IN LIEU OF THE ABOVE SEQUENCE, THE CONTRACTOR MAY SUBMIT A PROPOSED SEQUENCE FOR APPROVAL.

APPROVED